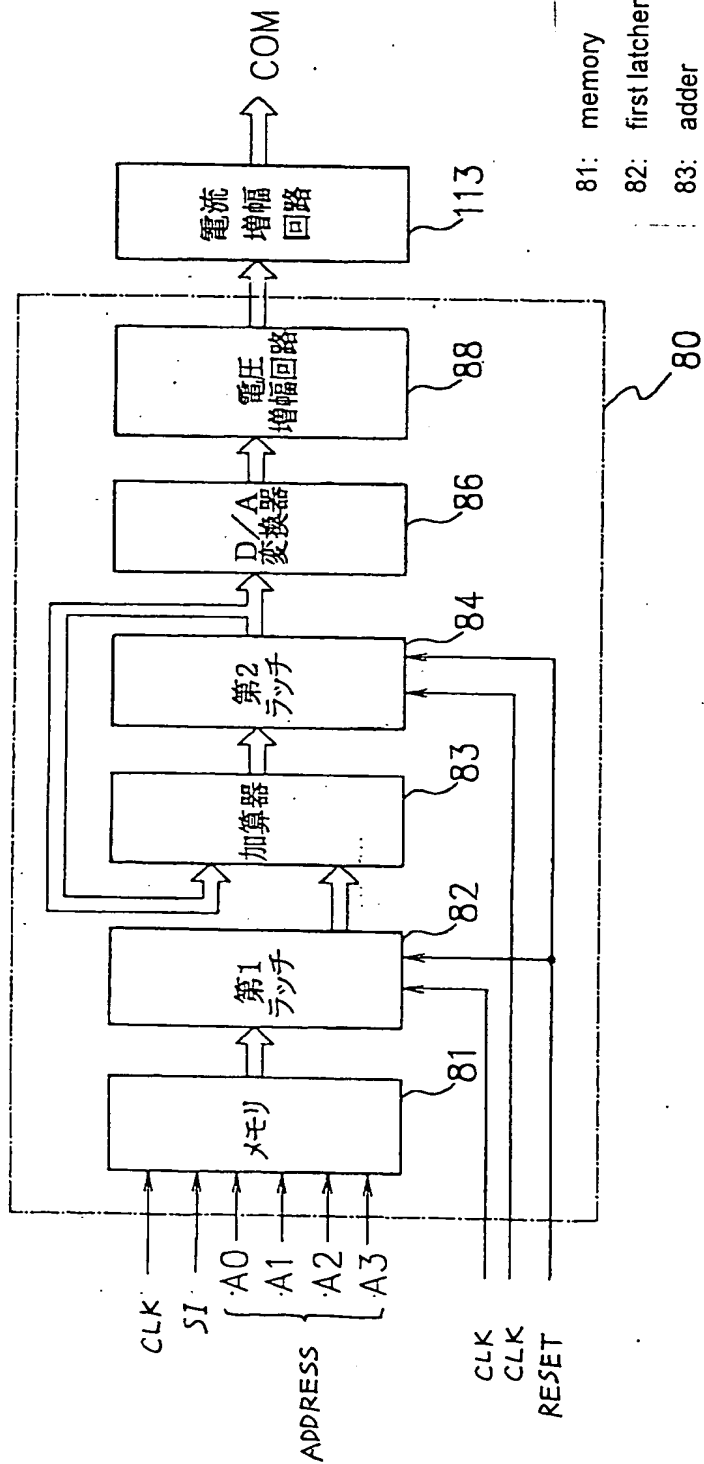
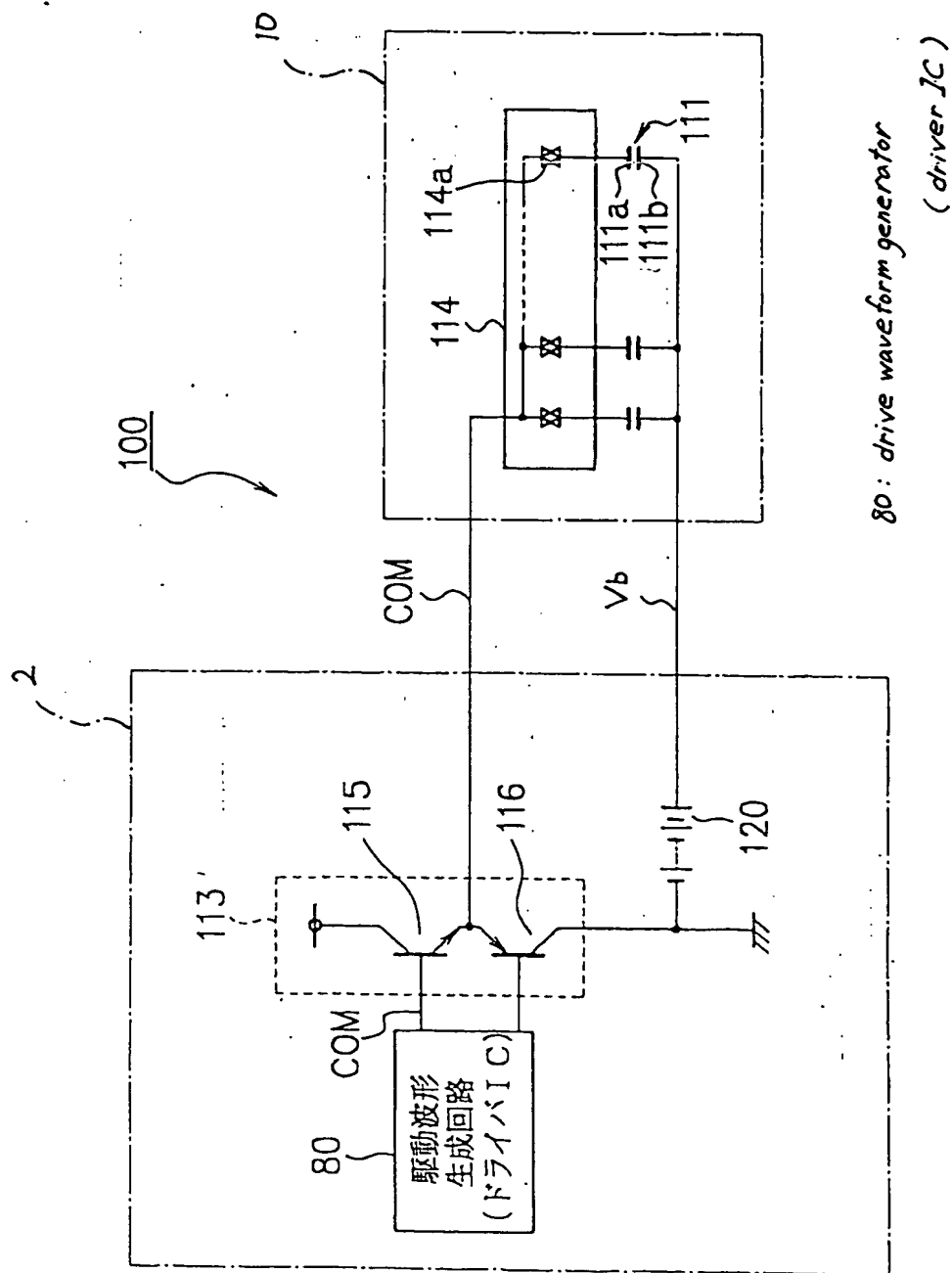


Fig. 2



- 81: memory
- 82: first latch
- 83: adder
- 84: second latch
- 86: D/A converter
- 88: voltage booster
- 113: current amplifier

Fig. 3



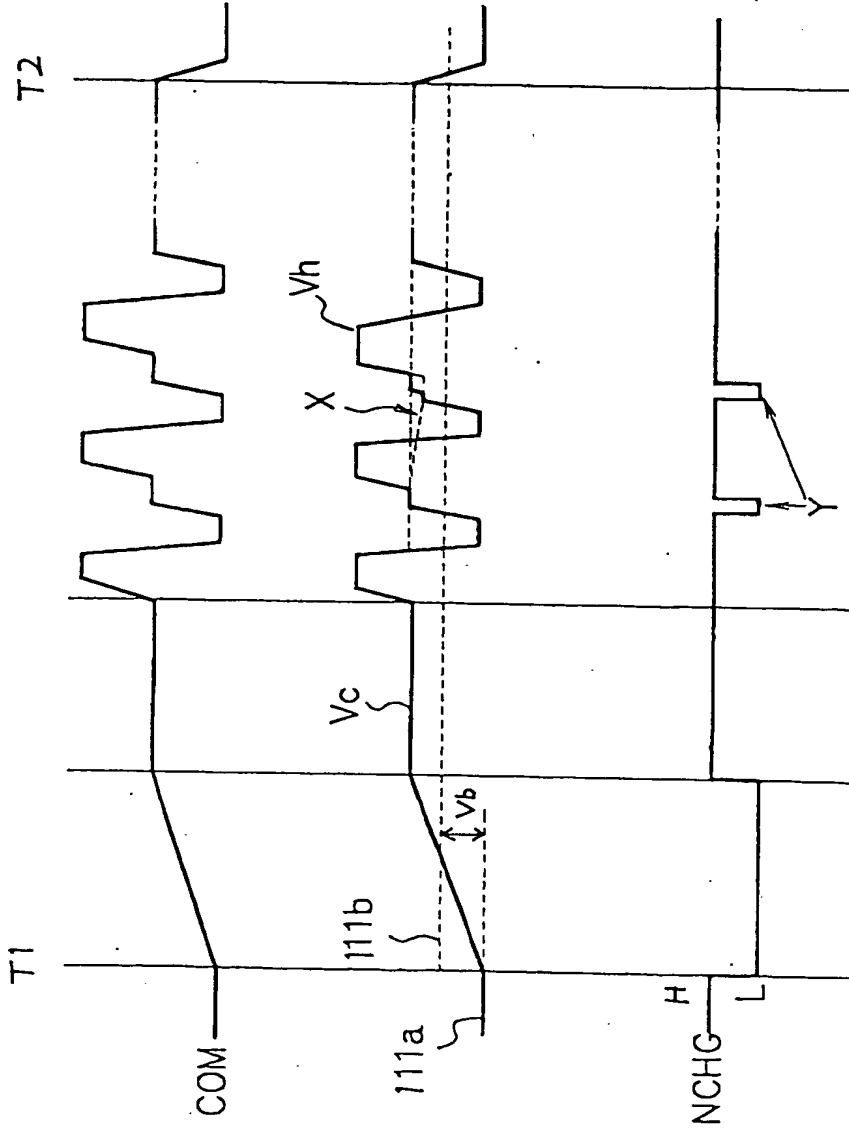
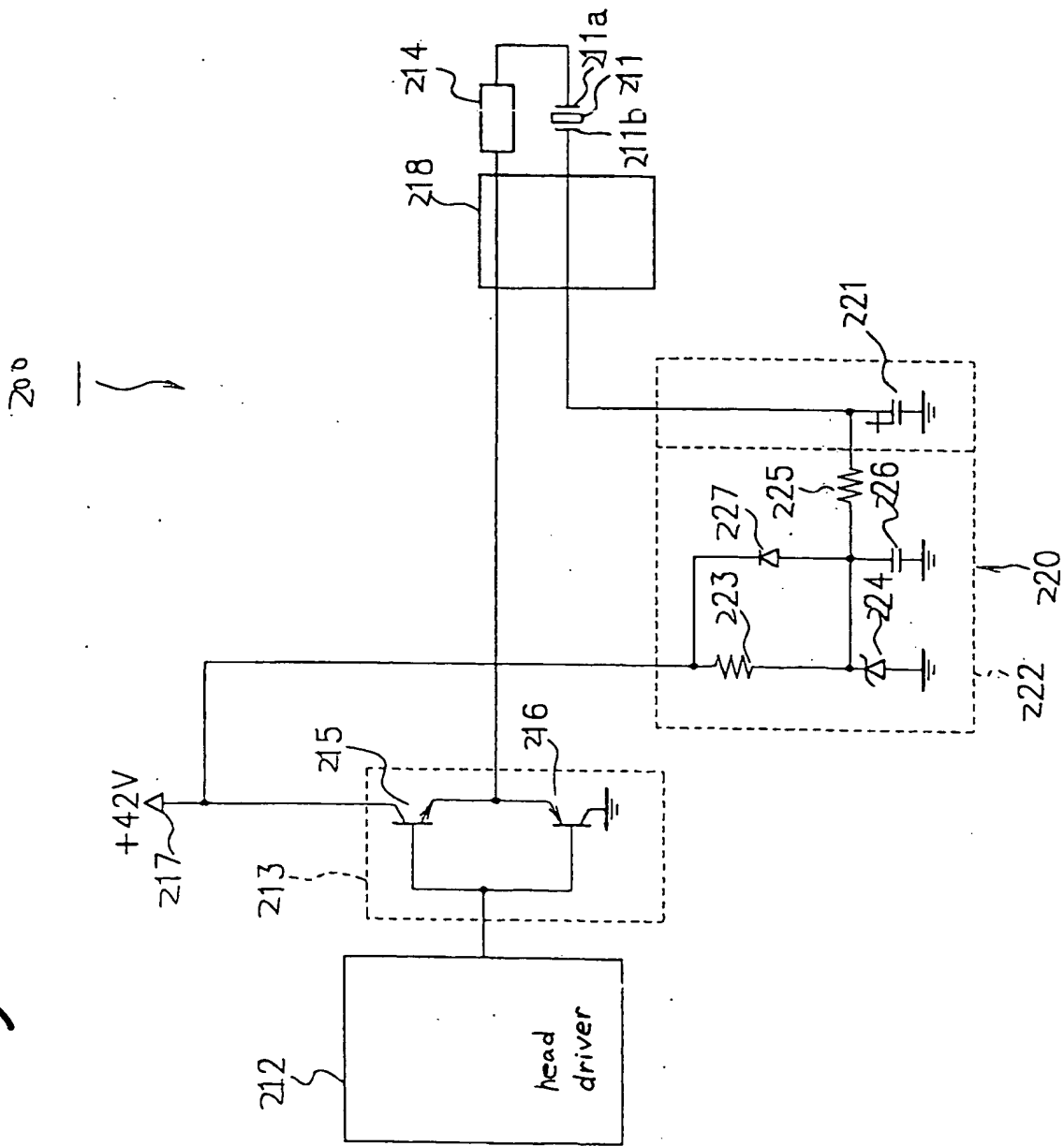


Fig. 4A

Fig. 4B

Fig. 4C

Fig. 5



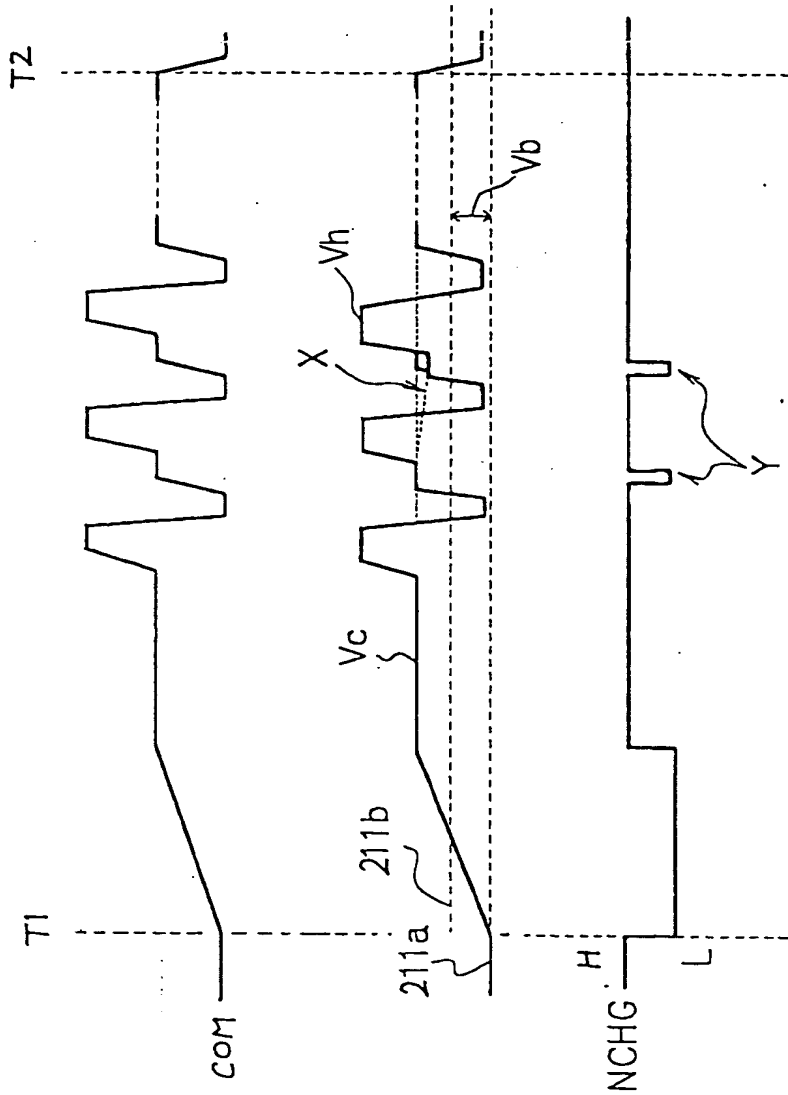


Fig. 6A

Fig. 6B

Fig. 6C

Fig. 7

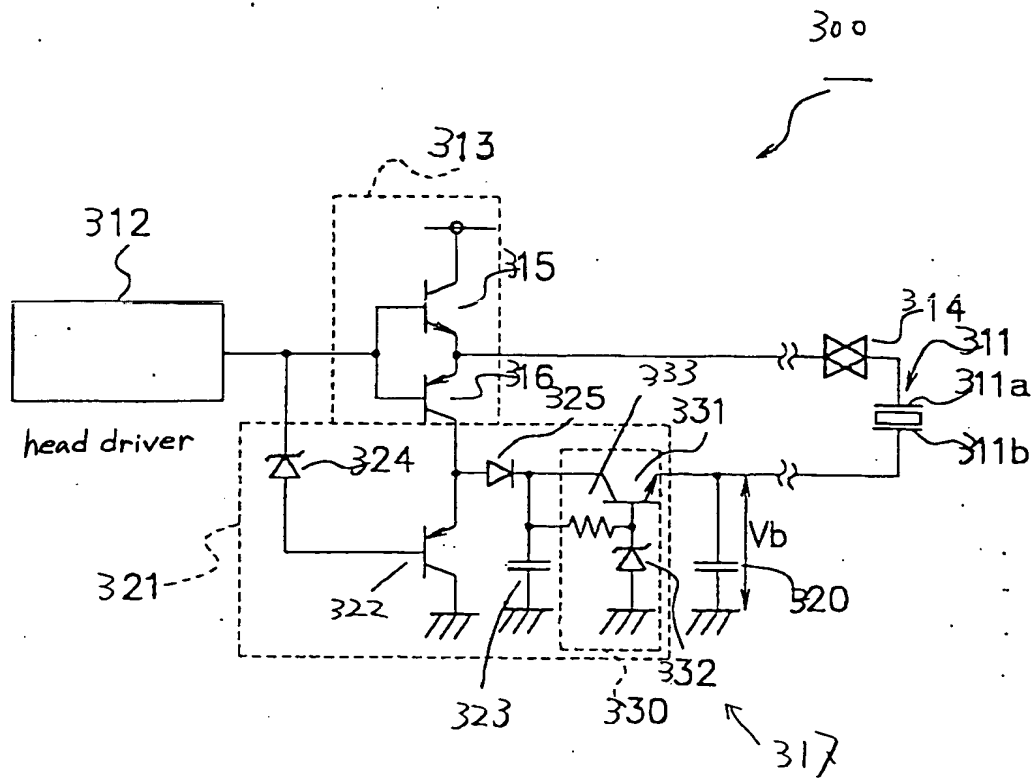


Fig. 8A

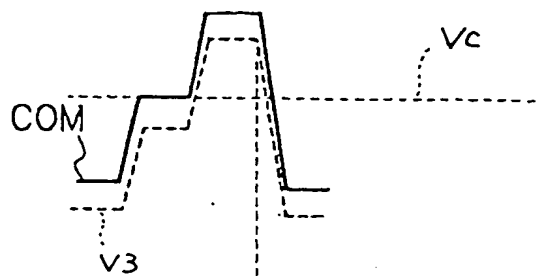


Fig. 8B



Fig. 9A

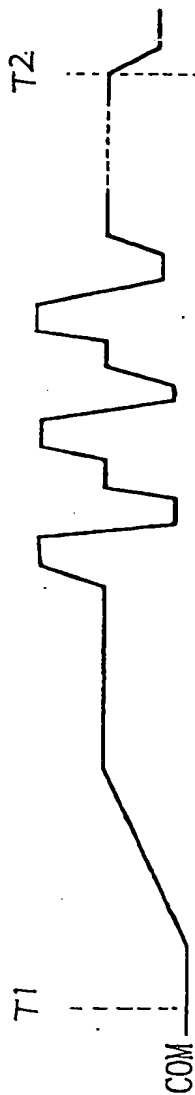


Fig. 9B

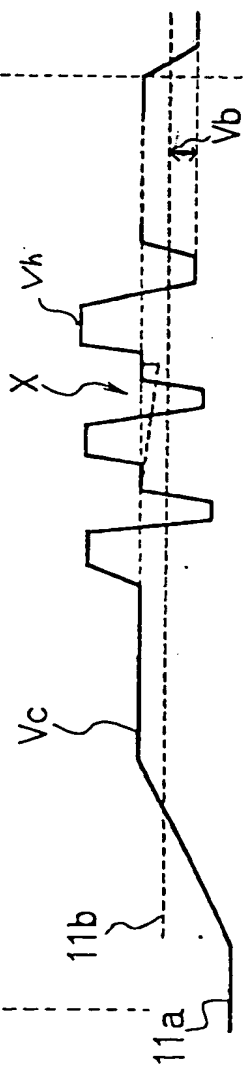


Fig. 9C

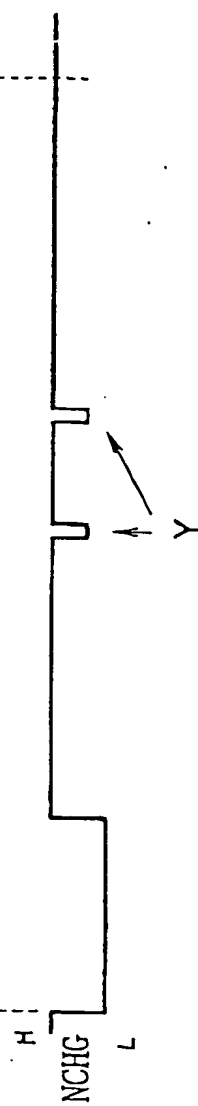


Fig. 10

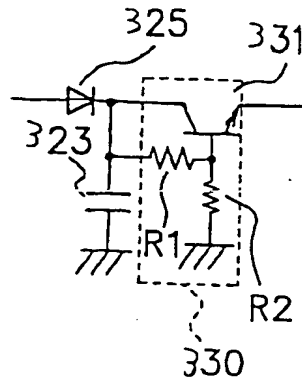


Fig. 11

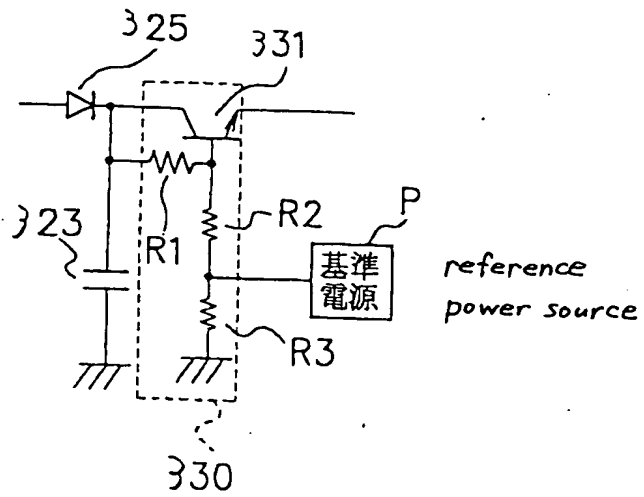


Fig. 12

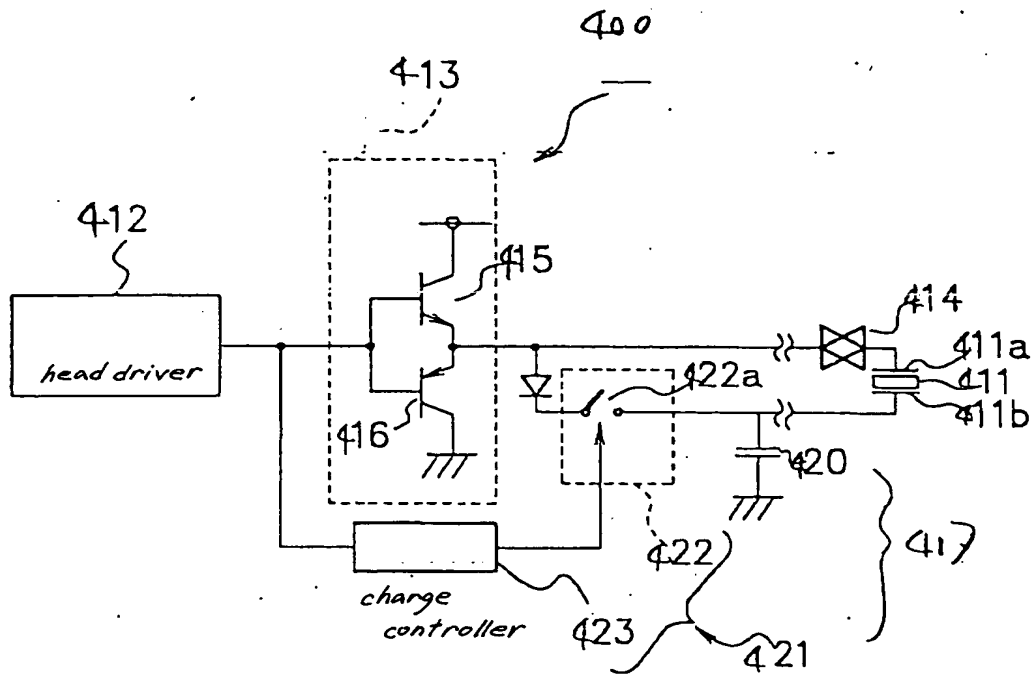


Fig. 13A

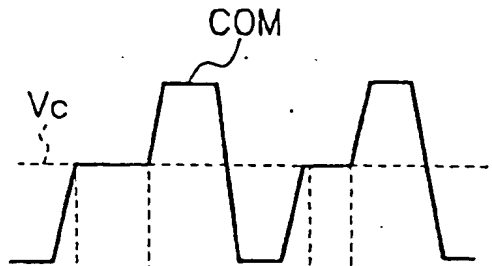


Fig. 13B



Fig. 14A

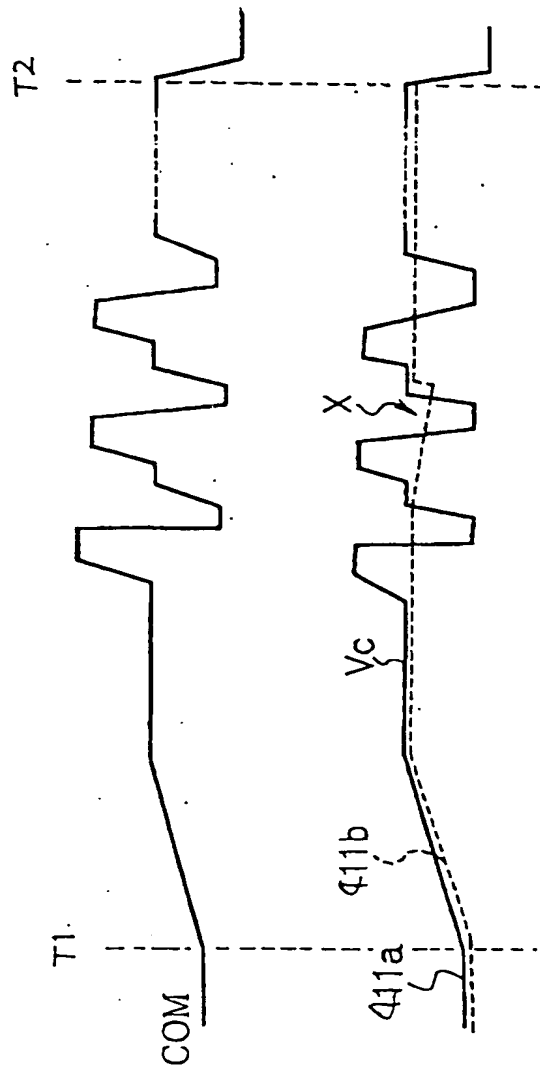
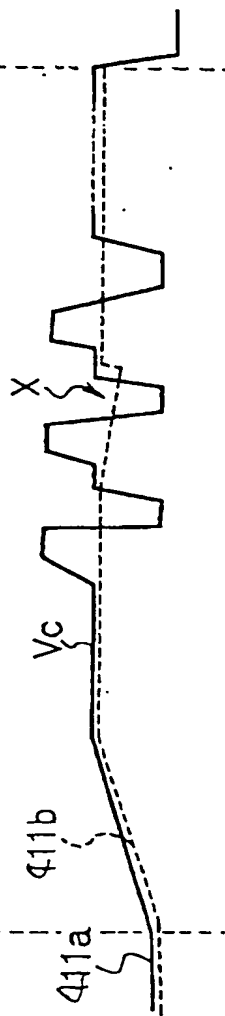


Fig. 14B



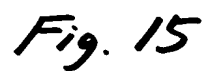


Fig. 17

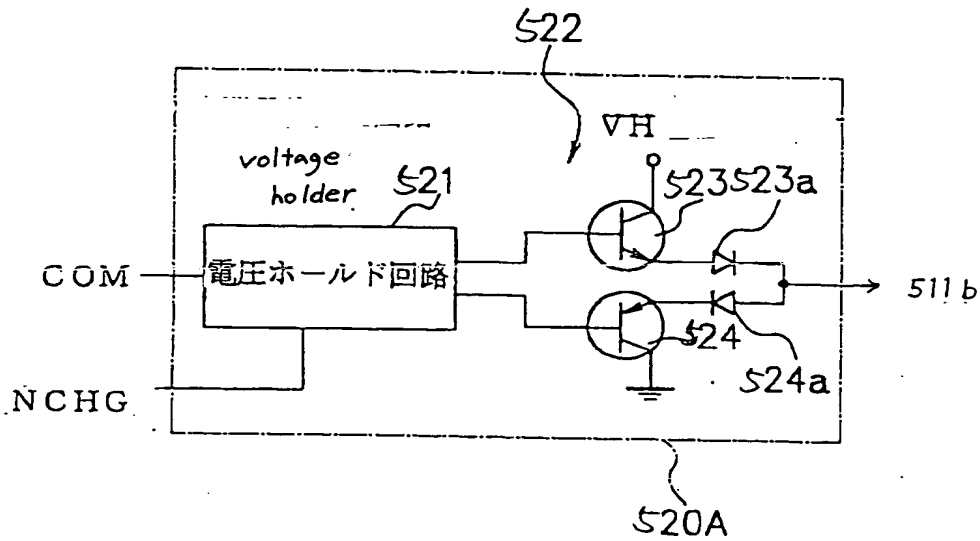
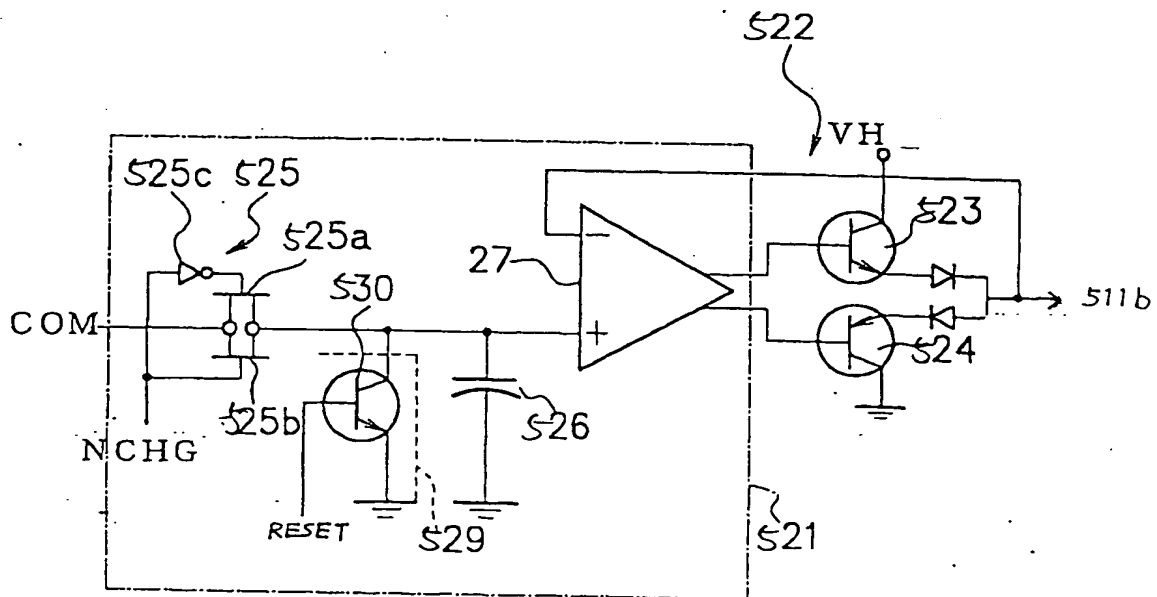


Fig. 18



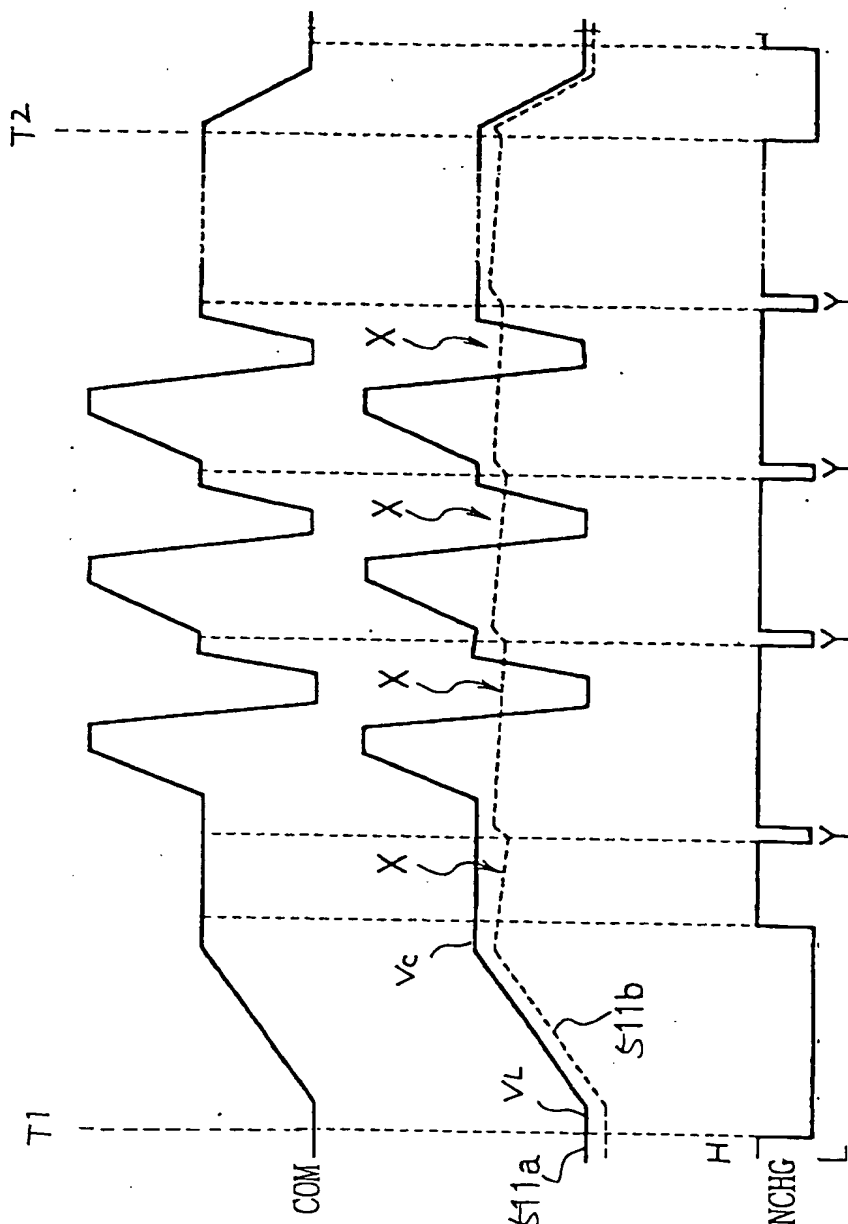
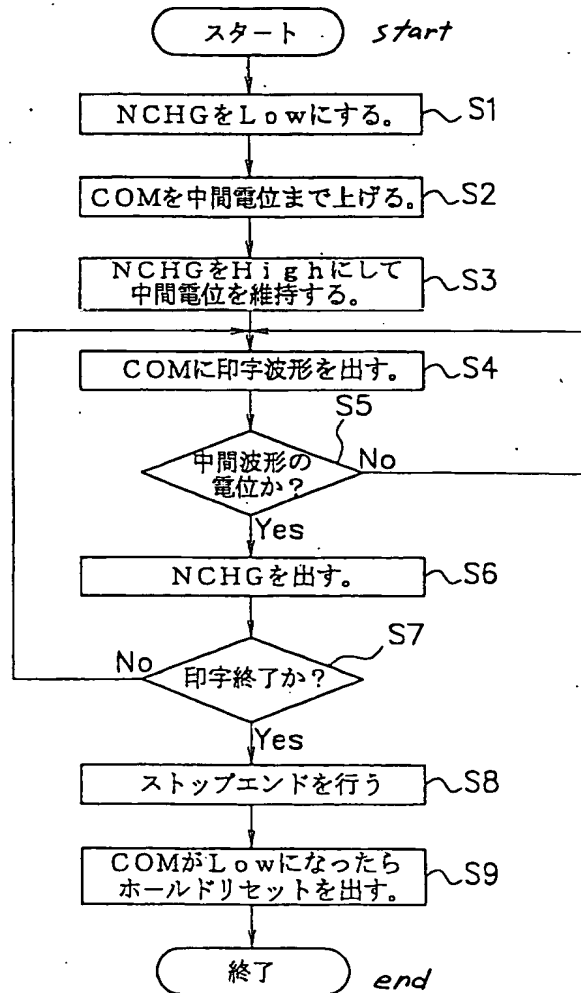


Fig. 19A

Fig. 19B

Fig. 19C

Fig. 20



- S1: turn NCHG to L level
- S2: boost potential of COM up to V_c
- S3: turn NCHG to H level
- S4: output COM to voltage holder
- S5: potential of COM is lower than V_c ?
- S6: turn NCHG to L level
- S7: printing is finished?
- S8: termination processing
- S9: output reset signal when potential of COM becomes VL